

# Options

## DeviceNet Connection Specification

### Model

(Actuator model)-**DV**



Item	Specification
Numbers of input/output points	Maximum 256 input points / Maximum 256 output points
Communication standard	An interface module certified under DeviceNet 2.0 is used.
Communication speed	500 / 250 / 125 Kbps
Number of occupied node	1 node
Connector type (controller end)	MSTBA2.5/5-G-5.08-AUM by Phoenix Contact (*1)

\*1 Cable-end connector: SMSTB2.5/5-ST-5.08AU by Phoenix Contact (standard accessory)

## CC-Link Connection Specification

### Model

(Actuator model)-**CC**



Item	Specification
Numbers of input/output points	Maximum 256 input points / Maximum 256 output points
Communication standard	CC-Link, Ver. 1.10 (certified)
Communication speed	10M / 5M / 2.5M / 625K / 156Kbps
Station type	Remote device station
Number of occupied stations	1 to 3 stations (selectable)
Connector type (controller end)	MSTBA2.5/5-G-5.08-AUM by Phoenix Contact (*1)

\*1 Cable-end connector: SMSTB2.5/5-ST-5.08AU by Phoenix Contact (standard accessory)

## ProfiBus Connection Specification

### Model

(Actuator model)-**PR**



Item	Specification
Numbers of input/output points	Maximum 256 input points / Maximum 256 output points
Communication standard	An interface module certified under ProfiBus-DP1.10 is used.
Communication speed	12M/1.5M/500K/93.75/187.5K/93.75K/19.2K/9.6K
Address of occupied node	1 address (1 to 99; settable using the rotary switch on the board)
Connector type (controller end)	D-sub, 9-pin connector

## Ethernet Connection Specification

### Model

(Actuator model)-**ET**



Item	Specification
Network specification	10BASE-T / 100BASE-T (auto negotiation)
Communication standard	IEEE 802.3
Communication speed	10M/100Mbps
Connector	RJ-45
Cable	Category 5 UTP twisted cable

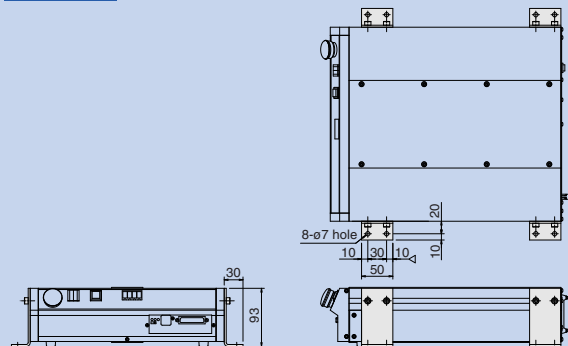
## Actuator Bracket (A set of 4 pieces; supplied with bolts/nuts for installation to actuator)

### Model

**TT-FT**



## Dimensions



## Teaching Pendant

### Model

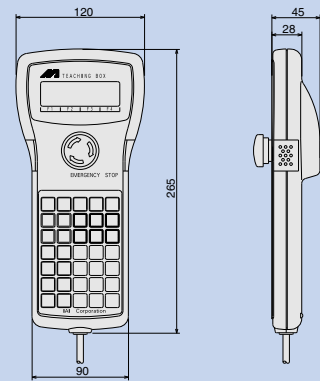
#### IA-T-X (standard) IA-T-XD (with deadman switch)

- A teaching device equipped with program/position input, test operation, monitoring and other functions.
- The interactive unit realizes easy operation.
- A deadman switch specification offering added safety is also available.

Item	Specification
Operating temperature, humidity	Temperature: 0 to 40°C, humidity: 85%RH max)
Operating environment	Not subject to corrosive gases or significant powder dust
Weight	Approx. 650 g
Cable length	4m
Display	LCD with 20 characters x 4 lines

Note  
\* Ver. 1.14 and older cannot be used with the TT Series.

### Dimensions



## Teaching Pendant Conforming to ANSI Standard/CE Mark (for general-purpose actuators only)

### Model

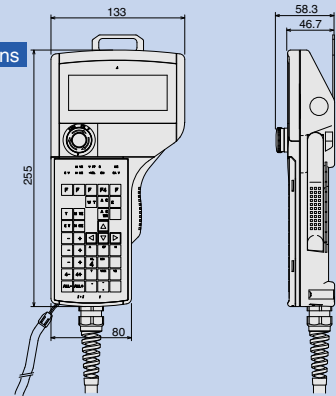
#### IA-T-XA

A teaching device with a 3-position enable switch conforming to the ANSI Standard and CE Mark. The large LCD screen and interactive operation guidance allow even a beginner to safely and easily teach a robot.

Item	Specification
Specified ambient temperature, humidity	Temperature: 0 to 40°C, humidity: 30 to 85%RH (non-condensing)
Protection class	IP54 (excluding cable connectors)
Weight	600 g max. (excluding cables)
Cable length	5m
Display	LCD with 32 characters x 8 lines

Note  
\* Ver. 1.04 and older cannot be used with the TT Series.

### Dimensions



## PC Software (for Windows PCs only)

### Model

#### IA-101-X-MW (DOS/V version) \* Please consult IAI for PC98 compatible version.

Note  
\* Ver. 4.0.0.0 and older cannot be used with the TT Series.

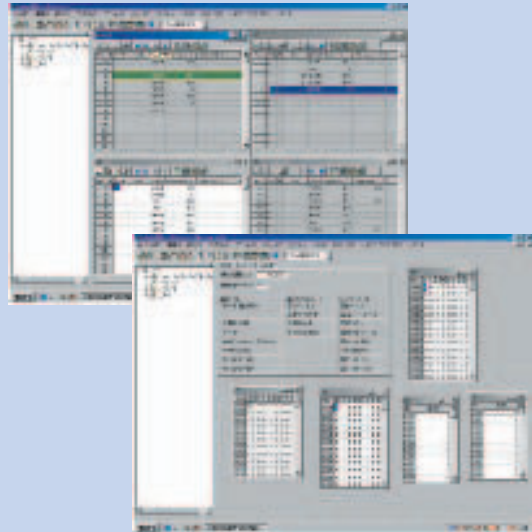
A startup support software equipped with program/position input, test operation, monitoring and other functions. The functions needed for debugging have been enhanced significantly, thus reducing the startup time.

- The software (contained in floppy disks) runs on Windows 95, 98, NT, 2000 and ME.
- PC cable (5 m) + Emergency-stop box (Model: CB-ST-E1MW050-EB)

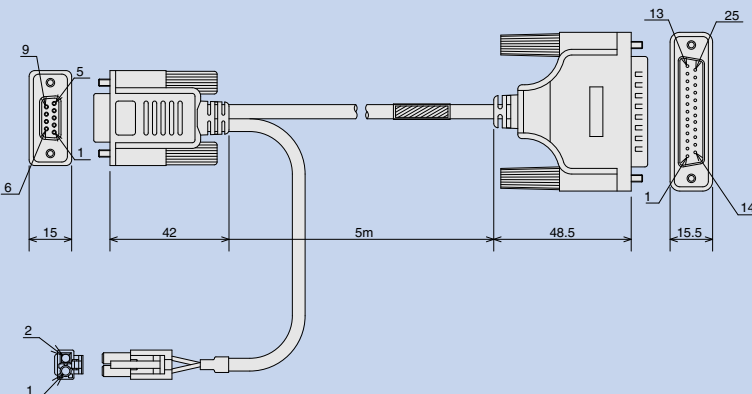
### Content

PC cable model (CB-ST-E1MW050)

Note  
To order spare PC cables for maintenance purposes, please specify "CB-ST-E1MW050." When ordering the PC cable together with the emergency-stop box, specify "CB-ST-E1MW050-EB."



### Dimensions



D-sub, 9-pin socket		Wiring diagram	D-sub, 25-pin plug	
Connector hood FG			Connector hood FG	
BROWN	2		BROWN	2
BROWN/BLACK	3		BROWN/BLACK	3
ORANGE	5		ORANGE	7
ORANGE/BLACK	4		ORANGE/BLACK	4
	6			5
	7			6
	8			20
				18
ELP-02V			19	
RED	1		13	
BLACK	2		12	
			1	

(Shielded)